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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,983	02/25/2004	Masaki Tonomura	826.1929	8965

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EXAMINER

VO, HIEN XUAN

ART UNIT PAPER NUMBER

2863

DATE MAILED: 04/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/784,983	<b>Applicant(s)</b> TONOMURA ET AL.	
	<b>Examiner</b> Hien X. Vo	<b>Art Unit</b> 2863	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 20 January 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 12-16 is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-11 rejected under 35 U.S.C. 103(a) as being unpatentable over Weinberg et al. (U.S. Patent No. 6,587,969) further in view of Nelson et al. (U.S. Patent No. 6,507,861).

With respect to claim 1, Weinberg et al. disclose the software system and methods for testing the functionality of a transactional server including an electronic text parsing unit parsing an electronic text transmitted from a program to be tested to detect a required data item (see e.g. Figs. 6A-7 and col. 21, lines 10-13); and an electronic text data setting unit embedding an input data value, which corresponds to the detected data item, in an electronic text to be transmitted to a side of the program to be tested (see e.g. Figs. 3A-5F and col. 13, lines 30-67), except for teaching wherein a stub-call unit to invoke the stub apparatus is provided in the program to be tested. However, Nelson et al disclose a system and method for avoiding deadlock in a non-preemptive multi-threaded application running in a non-preemptive multi-tasking environment including a stub-call unit to invoke the stub apparatus is provided in the

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program to be tested (see e.g. Fig. 4, col. 3, lines 58-67 and col. 8, lines 30-33).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Weinberg to have use of a stub-call unit in the program to be tested as taught by Nelson in order to have a maximum background processing in a multi-tasking operation system.

With respect to claims 2-4, Weinberg et al. disclose the invention as claimed including a setting screen generating unit generating a data setting screen for receiving the input data value, which corresponds to the detected data item, and giving the set value said electronic text data setting unit (see e.g. Figs. 2-5F); an input value generating unit automatically generating input data in correspondence with the data item detected by said electronic text parsing unit, and giving the generated input data to said setting screen generating unit (see e.g. col. 3, lines 11-28), an electronic text data storing unit storing the set data value embedded by said electronic text data setting unit (see e.g. col. 15, lines 15-34); and an electronic text data reading unit reading the data stored in said electronic text data storing unit, and giving the read data to the setting screen generating unit as the input data (see e.g. col. 21, lines 8-21).

With respect to claims 5-11, the limitations of these claims have been noted in the rejection above. They are therefore consider rejected as set forth above.

### ***Allowable Subject Matter***

2. Claims 12-16 allowed.

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3. The following is a statement of reasons for the indication of allowable subject matter:

For claims 12-16, none of the prior art teach singularly or in combination the electronic text includes attribute information including a name, a type, an allowable format and an allowable size of the required data item; a time point of the transmission of the electronic text from the program to be tested to the stub apparatus is at the same time as or later than a point when the stub apparatus is invoked, and the transmission of the electronic text from the program to be tested to the stub apparatus precedes a point when information is transmitted from the stub apparatus to the program to be tested firstly after the point when the stub apparatus is invoked.

4. Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hien X. Vo whose telephone number is (571) 272-2282. The examiner can normally be reached on M-F (8:00-5:30) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on (571) 272-2269. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.


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For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hien Vo  
04/12/06



John Barlow  
Supervisory Patent Examiner  
Technology Center 2800